

K. K. Das College

GRH – 17, Baishnabghata – Patuli

Kolkata – 700084

West Bengal

India



2.6.2

Additional Information



K. K. DAS COLLEGE

[NAAC Accredited]

(Affiliated to the University of Calcutta)

GRH-17, Baishnabghata Patuli

P.O. - Garia, Kolkata - 700 084, West Bengal

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CRITERIA – II

Teaching Learning and Evaluation

Key Indicator – 2.6: Student Performance and Learning Outcomes

2.6.2

Attainment of POs and COs are evaluated



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CO-PO Attainment

Attainment of Outcomes:

- The Program Outcomes (POs)/ Program Specific Outcomes (PSOs) are accomplished through curriculum
- Course Outcomes (COs) are defined for each course and they are related to POs / PSOs.
- A set of performance evaluation criteria is used for quantitative assessment of COs & POs.

Following are the different methods for Assessment, Evaluation and Measurement of COs/POs

For CO attainment

- *Continuous Assessment*
- **Semester-end Examinations**

For PO attainment

- *Final CGPA*
- **Placement record or higher education details**
- **Teachers' feedback**

The analysis is carried out by faculty for each course and documented in **Course Assessment Report**.

Attainments of COs:

For measuring the attainment of Course Outcomes, various tools are used. The contribution of COs is assessed in high, moderate and low levels.

The Target score in various component is fixed in the following way:

Target score in Class Tests	More than or equal to 40% of Marks
Target score in Internal Assessment	More than or equal to 60% of Marks
Target score in Tutorial/Practical Examination	More than or equal to 50% of Marks
Target score in University Examination	More than or equal to 40% of Marks for honours courses More than or equal to 30% of Marks for general courses





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CO Attainment level is defined based on the following criteria:

Level	Criteria
3	70% of students reached target score
2	50% of students reached target score
1	30% of students reached target score
0	Less than equal to 30%

Theory based courses:

For each course, faculty member calculates the course outcome attainment using University Examination and Continuous Assessment Test. The attainment level will be calculated based on the average performance levels of both University Examination and Continuous Assessment Test. The evaluation process of Class Test is counted for 10%, Internal Assessment is counted for 20%, Tutorials/Group Discussion/Project work is counted for 10% and the remaining 60% will be given for university examination. Based on the level of CO attainment, the faculty member will decide whether to increase the competency level or change the content delivery method, assessment methods to improve attainment level for the course.

Practical based courses:

For each course, faculty member calculates the course outcome attainment using University Examination and Continuous Assessment Test. The attainment level will be calculated based on the average performance levels of both University Examination and Continuous Assessment Test. The evaluation process of Class Test is counted for 10%, Internal Assessment is counted for 20%, Practical Examination is counted for 20% and the remaining 50% will be given for university examination. Based on the level of CO attainment, the faculty member will decide whether to increase the competency level or change the content delivery method, assessment methods to improve attainment level for the course.





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CO Attainment Calculation:

The course outcomes for all the courses are calculated in terms of percentage using the formula.

$$CO \text{ in } \% \text{ of each component of the course} = \frac{\text{marks obtained by a student}}{\text{Total marks allotted}} \times 100$$

Course outcome for each component is calculated for all the students based on marks obtained by the students.

CO Attainment in % of each component of the course

$$= \frac{\text{number of students scored more than or equal to target \% of marks}}{\text{Total number of students}} \times 100$$

Overall CO Attainment:

The Overall Attainment for a course is sum of 40% or 50% of Continuous Assessment Test Attainment Level and 60% or 50% of University Examination Attainment Level.

For Theory based Courses

$$\text{Overall CO Attainment} = (0.1 \times \text{Level of Class test}) + (0.2 \times \text{Level of Internal Assessment}) + (0.1 \times \text{Level of Tutorial Assessment}) + (0.6 \times \text{Level of University Examination})$$

For Practical based Courses

$$\text{Overall CO Attainment} = (0.1 \times \text{Level of Class test}) + (0.2 \times \text{Level of Internal Assessment}) + (0.2 \times \text{Level of Practical Examination}) + (0.5 \times \text{Level of University Examination})$$

For Skill Enhancement Courses

$$\text{Overall CO Attainment} = (0.1 \times \text{Level of Class test}) + (0.3 \times \text{Level of Internal Assessment}) + (0.6 \times \text{Level of University Examination})$$



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Attainment of POs

PO is evaluated on the basis of CGPA obtained, progression to higher studies or placement records and feedback of the teachers. For PO attainment calculation only the final semester appeared students are considered.

Attainment level for different component are defined as follows:

In CGPA

Level	Criteria
3	80% of students obtained CGPA more than or equal to 4.00
2	50% of students obtained CGPA more than or equal to 4.00
1	30% of students obtained CGPA more than or equal to 4.00
0	Less than equal to 30%

Progression to higher studies or placement

Level	Criteria
3	30% of passed students progress to higher studies or get job
2	10% of passed students progress to higher studies or get job
1	5% of passed students progress to higher studies or get job
0	Less than equal to 5%

Teachers' feedback

Level	Criteria
3	70% of students get good feedback from teacher
2	50% of students get good feedback from teacher
1	30% of students get good feedback from teacher
0	Less than equal to 30%

PO Attainment Calculation:

The PO attainment is calculated using the following formula

$$\text{Overall PO Attainment} = (0.6 \times \text{Level in CGPA}) + (0.2 \times \text{Level in Progression}) + (0.2 \times \text{Level in Feedback})$$



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Sample Attainment Calculation



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Course Outcome Attainment for the Session - 2020-21

Department of English				
Subject Code	ENGA	Target Score (in percentage)		
Course Name	CC1	Class Tests	40	
Total no of Students	55	Internal Assessment	60	
Marks Allotted for		Tutorial / Practical Examination	50	
Class test	10	University Examination	40	
Internal Assessment	20			
Tutorial Examination / Practical Examination	15			
University Examination	65			
Attainment Level of Course Outcome defined on the basis of following criterion				
Level	Criteria			
3	>=	70	Percentage of students reached target score	
2	>=	50		
1	>=	30		
0	<	30		
Calculation of attainment				
	Class Test	Internal Assessment	Tutorial / Practical	University Examination
No. of Students crossed the target score	55	55	55	55
Percentage of Students crossed the target score	100	100	100	100
Level attained	3	3	3	3
Overall CO Attainment Level	$(0.1 \times \text{Level of Class test}) + (0.2 \times \text{Level of Internal Assessment}) + (0.1 \times \text{Level of Tutorial Assessment}) + (0.6 \times \text{Level of University Examination})$			
Overall CO attainment Level of CC1	3			
Remarks	Good			
Signature of IQAC Co-ordinator	Signature of Head of the Department			
Signature of Principal				

N. Munshi 30.06.2022
IQAC Co-ordinator
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Garia, Kolkata - 700 084



Principal
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Course Outcome Attainment for the Session - 2020-21

Department of English				
Subject Code	ENGA	Target Score (in percentage)		
Course Name	DSE A1	Class Tests	40	
Total no of Students	58	Internal Assessment	60	
Marks Allotted for		Tutorial / Practical Examination	50	
Class test	10	University Examination	40	
Internal Assessment	20			
Tutorial Examination / Practical Examination	15			
University Examination	65			
Attainment Level of Course Outcome defined on the basis of following criterion				
Level	Criteria			
3	>=	70	Percentage of students reached target score	
2	>=	50		
1	>=	30		
0	<	30		
Calculation of attainment				
	Class Test	Internal Assessment	Tutorial / Practical	University Examination
No. of Students crossed the target score	58	58	38	58
Percentage of Students crossed the target score	100	100	65.51724138	100
Level Attained	3	3	2	3
Overall CO Attainment Level	$(0.1 \times \text{Level of Class test}) + (0.2 \times \text{Level of Internal Assessment}) + (0.1 \times \text{Level of Tutorial Assessment}) + (0.6 \times \text{Level of University Examination})$			
Overall CO attainment Level of DSE A1		2.9		
<p style="text-align: right;">Signature of Head of the Department</p> <p>Remarks <i>Good</i></p> <p><i>N. Khosla</i> 30.06.2022 Signature of IQAC Co-ordinator</p> <p><i>B. G. Patuli</i> 30/06/22 Signature of Principal</p>				

IQAC Co-ordinator
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Course Outcome Attainment for the Session - 2020-21

Department of English

Subject Code	ENGA	Target Score (in percentage)	
Course Name	SEC A2	Class Tests	40
Total no of Students	52	Internal Assessment	60
<i>Marks Allotted for</i>		University Examination	40
Class test	10		
Internal Assessment	20		
University Examination	80		

Attainment Level of Course Outcome defined on the basis of following criterion

Level	Criteria			Percentage of students reached target score
3	>=	70		
2	>=	50		
1	>=	30		
0	<	30		

Calculation of attainment

	Class Test	Internal Assessment	University Examination
No. of Students crossed the target score	52	52	52
Percentage of Students crossed the target score	100	100	100
Level attained	3	3	3

Overall CO Attainment Level $(0.1 \times \text{Level of Class test}) + (0.3 \times \text{Level of Internal Assessment}) + (0.6 \times \text{Level of University Examination})$

Overall CO attainment Level of SEC A2 3

Signature of Head of the Department

Remarks *Good*

N. Munshi 30.06.2022
Signature of IQAC Co-ordinator

IQAC Co-ordinator
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Signature of Principal

Principal
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Programme Outcome Attainment for the Session - 2020-21

Department of English			
Programme Name		ENGLISH HONS	
No of Students appeared in University Examination	48	No. of Students passed the University Examination	48
Attainment level for different component are defined as follows:			
	Level 3	Level 2	Level 1
	>=	>=	>=
			Level 0
			<
% of students obtained CGPA more than or equal to 4.00	80	50	30
% of passed students progress to higher studies or get job	30	10	5
% of students get Good/Excellent feedback from teacher	70	50	30
Calculation of attainment			
	CGPA more than or equal to 4.00	Progression to higher studies or placement	Teachers' feedback
No. of Students fulfilled the criteria	48	34	30
Percentage of Students fulfilled the criteria	100	70.83333333	62.5
Level attained	3	3	2
Overall Attainment Level PO	$(0.6 \times \text{Level in CGPA}) + (0.2 \times \text{Level in Progression}) + (0.2 \times \text{Level in Feedback})$		
Overall attainment level PO for ENGLISH HONS			2.8
Remarks	Keep it up		
Signature of IQAC Co-ordinator	Signature of Head of the Department		
Signature of Principal	Signature of Principal		

N. Muzachi 30.06.2022
Signature of IQAC Co-ordinator
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Signature of Head of the Department

Signature of Principal

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Course Outcome Attainment for the Session - 2020-21

Department of Computer Science				
Subject Code	CMSG	Target Score (in percentage)		
Course Name	CC2/GE2	Class Tests	40	
Total no of Students	7	Internal Assessment	60	
Marks Allotted for		Tutorial / Practical Examination	50	
Class test	10	University Examination	40	
Internal Assessment	20			
Tutorial Examination / Practical Examination	30			
University Examination	50			
Attainment Level of Course Outcome defined on the basis of following criterion				
Level	Criteria			
3	>=	70	Percentage of students reached target score	
2	>=	50		
1	>=	30		
0	<	30		
Calculation of attainment				
	Class Test	Internal Assessment	Tutorial / Practical	University Examination
No. of Students crossed the target score	7	7	7	7
Percentage of Students crossed the target score	100	100	100	100
Level attained	3	3	3	3
Overall CO Attainment Level	$(0.1 \times \text{Level of Class test}) + (0.2 \times \text{Level of Internal Assessment}) + (0.1 \times \text{Level of Tutorial Assessment}) + (0.6 \times \text{Level of University Examination})$			
Overall CO attainment Level of CC2/GE2				3
<p style="text-align: right;"><i>Ritupama Cal</i> Signature of Head of the Department</p> <p>Remarks <i>Very good</i></p> <p><i>N. Munshi</i> Signature of IQAC Co-ordinator</p> <p style="text-align: center;"></p> <p style="text-align: right;"><i>B. G. Patuli</i> Signature of Principal</p>				

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Course Outcome Attainment for the Session - 2020-21

Department of Computer Science				
Subject Code	CMSG	Target Score (in percentage)		
Course Name	CC4/GE4	Class Tests	40	
Total no of Students	7	Internal Assessment	60	
Marks Allotted for		Tutorial / Practical Examination	50	
Class test	10	University Examination	40	
Internal Assessment	20			
Tutorial Examination / Practical Examination	30			
University Examination	50			
Attainment Level of Course Outcome defined on the basis of following criterion				
Level	Criteria			
3	>=	70	Percentage of students reached target score	
2	>=	50		
1	>=	30		
0	<	30		
Calculation of attainment				
	Class Test	Internal Assessment	Tutorial / Practical	University Examination
No. of Students crossed the target score	7	7	7	7
Percentage of Students crossed the target score	100	100	100	100
Level attained	3	3	3	3
Overall CO Attainment Level	$(0.1 \times \text{Level of Class test}) + (0.2 \times \text{Level of Internal Assessment}) + (0.1 \times \text{Level of Tutorial Assessment}) + (0.6 \times \text{Level of University Examination})$			
Overall CO attainment Level of CC4/GE4			3	
Remarks	very good			
Signature of IOAC Co-ordinator	Signature of Head of the Department			
Signature of Principal	Signature of Principal			

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